

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Matt Blunt, Governor • Doyle Childers, Director

www.dnr.mo.gov

August 10, 2007

NOTICE OF VIOLATION 12148SW

Honorable Larry Cline, Mayor
City of Rockaway Beach
PO Box 315
Rockaway Beach, MO 65740

Dear Mayor Cline:

This letter is in response to several recent environmental concerns filed with the department. The concerns all involve odor problems and the possible operational or design concerns at the wastewater treatment facility that may be causing these issues.

Staff from our office has been on site on numerous occasions in the past few months to investigate these environmental concerns. Findings from our investigations have led to the discovery of an incorrect electrical connection for one of the blower motors which has since been corrected. Other concerns remain about the sludge levels in the aeration basin as well as the design criteria and capacity of the aeration system now in place within the aeration basin.

During site visits on May 10, 2007 and July 11, 2007 samples were taken by department staff. Also, find enclosed a Report of Laboratory Analysis for samples collected during the site visits. A Notice of Violation number 12148SW is enclosed for effluent limit violations of Missouri State Operating Permit (MSOP) MO-0108162. The results are summarized as follows:

SITE VISIT DATE	PARAMETER	OUTFALL	PERMIT LIMIT	REPORTED VALUE
5/10/2007	Biochemical Oxygen Demand	001	20 mg/L monthly avg. 30 mg/L weekly avg.	21.5 mg/L
5/10/2007	Total Suspended Solids	001	20 mg/L monthly avg. 30 mg/L weekly avg.	80 mg/L
5/10/2007	Ammonia as N	001	6.0 mg/L monthly avg. 12.1 mg/L daily max.	39.5
5/10/2007	Total Phosphorous	001	0.5 mg/L monthly avg.	6.4 mg/L
5/10/2007	Fecal Coliform	001	400 colonies/100mL monthly avg. 1000 colonies/100 mL daily max.	17,600 colonies/100 mL
7/11/2007	Biochemical Oxygen Demand	001	20 mg/L monthly avg. 30 mg/L weekly avg.	22 mg/L
7/11/2007	Total Suspended Solids	001	20 mg/L monthly avg. 30 mg/L weekly avg.	22 mg/L
7/11/2007	Total Phosphorous	001	0.5 mg/L monthly avg.	1.82 mg/L
7/11/2007	Fecal Coliform	001	400 colonies/100mL monthly avg. 1000 colonies/100 mL daily max.	23,000 colonies/100 mL

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At the time of the first inspection the sand filter was not in operation. The failure to keep this component in service constitutes a violation of Missouri Clean Water Law Sections 644.051.1(3) and 644.076.1, RSMo, for which Notice of Violation number 12148SW is also being issued.

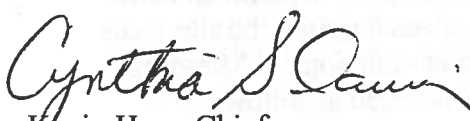
The City of Rockaway Beach has failed to conduct all operational testing as required by 644.076.1 RSMo, and 10 CSR 20-9.020(5) for which Notice of Violation number 12148SW is also being issued. This laboratory testing is used to ensure adequate wastewater systems in-plant operational control to keep the facility in compliance with MSOP limitations and to determine if design parameters have been exceeded.

In an effort to seek a solution to the on-going odor and effluent exceedance issues at the Rockaway Beach Wastewater Treatment Facility, the department requests that the city retain the services of an engineer registered in the State of Missouri to evaluate the wastewater treatment facility and its ability to comply with MSOP limitations and conditions. The City of Rockaway Beach must also properly operate and maintain the wastewater treatment facility.

Please respond to the department by August 24, 2007 of the cities intent to address remaining concerns. Please provide the requested engineering evaluation no later than October 1, 2007. If you have questions, please contact Ms. Tina White, by calling 417-891-4300 or via mail at Southwest Regional Office, 2040 W. Woodland, Springfield, Missouri 65807-5912.

Sincerely,

SOUTHWEST REGIONAL OFFICE


for Kevin Hess, Chief
Water Pollution Section

KH/lcc

Enclosure

c: Ms. Catherine Hodges, Water Pollution Compliance & Enforcement Section
Mr. Edwin Godley, Operator

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